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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Yanfeng Du et al

Group Art Unit: 2882

Serial No.: 10/784,099

Examiner: K. Suchecki

Filed: February 23, 2004

For SCATTER AND BEAM HARDENING  
CORRECTION IN COMPUTED TOMOGRAPHY  
APPLICATIONSSUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT

- ☐ 1 Pursuant to 37 CFR 1.97(b)  
[within 3 months of national, non-CPA filing or prior to 1st Office Action] *no charge*
- ☒ 2 Certification Pursuant to 37 CFR 1.97(c)(1)  
[before Final Office Action, Allowance, or other action closing prosecution] *no charge*
- ☐ 3 Fee Payment Pursuant to 37 CFR 1.97(c)(2)  
[before Final Office Action, Allowance, or other action closing prosecution] *\$180.00*
- ☐ 4 Certification & Fee Payment Pursuant to 37 CFR 1.97(d)  
[On or before issue fee payment] *\$180.00*

ATTN: MAILSTOP PATENT APPLICATION  
COMMISSIONER FOR PATENTS  
ALEXANDRIA, VA 22313-1450

Sir:

The following are submitted in the above identified application in compliance with 37 CFR 1.97 &amp; 37 CFR 1.98:

- ☒ 5 A list of documents on form PTO-1449 or Substitute together with copies of each identified document and a translation thereof or a concise explanation of each non-English language document or a Search Report from an International Searching Authority for a patent application filed via the Patent Cooperation Treaty or document(s) cited in the application or the priority application.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on the date indicated below.

\_\_\_\_\_  
Date of Deposit\_\_\_\_\_  
Type or Print Name\_\_\_\_\_  
Signature

This paper is submitted in accordance with:

- ☐ 6 37 CFR 1.97(b): [within 3 months of national, non-CPA filing or prior to 1st Office Action]
- ☒ 7 37 CFR 1.97(c): [before Final Office Action, Allowance, or other action closing prosecution, whichever is earlier]; and
- ☒ 8 The required Certification made in item 11 below; or
- ☐ 9 The \$180.00 fee specified in 37 CFR 1.17(p) for submission of this Information Disclosure Statement is authorized in item 15 below.
- ☐ 10 37 CFR §1.97(d): [On or before issue fee payment]; and
- a) The required Certification is stated in item 11 below; and
- b) The \$180.00 fee specified in 37 CFR 1.17(p) for submission of this Information Disclosure Statement is authorized in item 14 below.
- ☒ 11 Certification
- ☒ 12 Each item of information contained in this Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; or
- ☐ 13 No item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this document after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated in 37 CFR 1.56(c) more than three (3) months prior to the filing of this Statement.
- ☒ 14 Payment of all applicable fees:
- ☒ 15 Please charge all applicable fees associated with the submittal of this Information Disclosure Statement and any other fees applicable to this application to Deposit Account No. 07-0868. An original and two (2) copies of this document are enclosed.

12 Aug 2005

Date

General Electric Company  
GEGR Patent Docket Rm. Bldg. K-1 Rm. 4A59  
One Research Circle  
Niskayuna, New York 12309  
Customer Number: 006147

Respectfully submitted,



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FORM PTO-1449  
(REV. 7-80)  
(Title Amended 3/83)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

140318-1

SERIAL NO.

10/784,099

INFORMATION DISCLOSURE STATEMENT BY APPLICANT--

LIST OF PENDING PATENTS

(Use several sheets if necessary)

Applicant

Yanfeng Du et al.

Filing Date

February 23, 2004

Group

2882

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA					
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	No
	AL						
	AM						
	AN						
	AO						
	AP						

## OTHER INFORMATION (Including Author, Title, Date, Pertinent pages. Etc.)

AR	A. Werling et al., "Fast implementaion of the single scatter simulation algorighm and its use in iterative image reconstruction of PET data," Institute of Physics Publishing, Physics in Medicine and Biology, PH: S0031-9155(02)30094-0, pp. 2947-2960.
AS	C. C. Watson et al., "A Single Scatter Simulation Technique For Scatter Correction In 3D Pet," Proceedings of the 1995 Interntional Meeting on Fully Three-Dimensional Image Reconstruction in Radiology and Nuclear Medicine Lab. Electron Technol. Instrum, Grenoble, France,
AT	C. C. Watson et al., "New Faster, Image-based Scatter correction for 3D PET", Nuclear Science Symposium, 2000. IEEE, US, Vol. 3, 10/24/99, pages 1637-1641.

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449  
(REV. 7-80)  
(Title Amended 3/83)

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LIST OF ITEMS

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	BA					
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	BC					
	BD					
	BE					
	BF					
	BG					
	BH					
	BI					
	BJ					
	BK					

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	No
	BL						
	BM						
	BN						
	BO						
	BP						

OTHER INFORMATION (Including Author, Title, Date, Pertinent pages. Etc.)

BR	EP Search Report - EP25250519, Munich, June 22, 2005.
BS	
BT	

EXAMINER

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